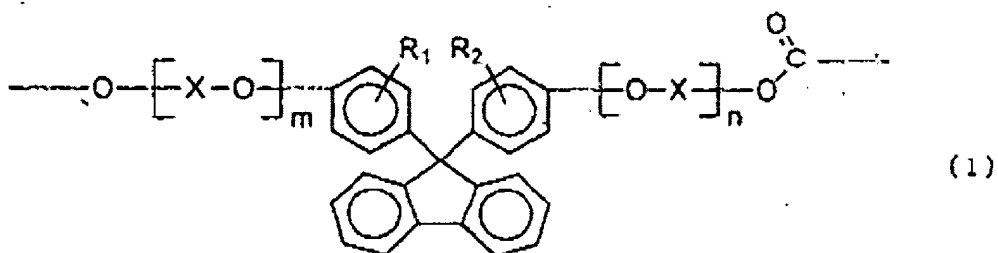


AMENDMENTS TO THE CLAIMS

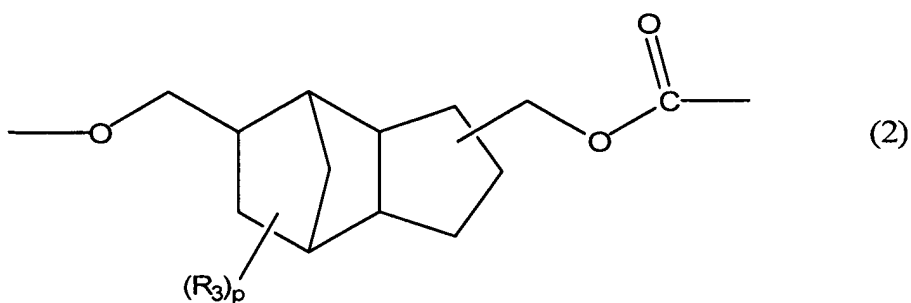
This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (previously presented): A polycarbonate copolymer comprising 30 to 70 mol% of a structural unit represented by the general formula (1) and 70 to 30 mol% of a structural unit represented by the general formula (2);



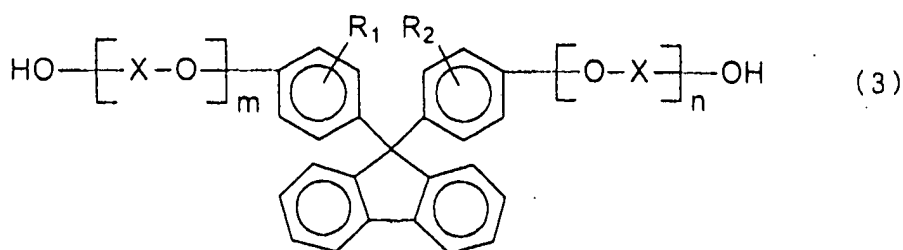
wherein R₁ and R₂, each independently, are a hydrogen atom, an alkyl group having 1 to 10 carbon atoms, a cycloalkyl group having 6 to 10 carbon atoms or an aryl group having 6 to 10 carbon atoms; X is an alkylene group having 2 to 6 carbon atoms, a cycloalkylene group having 6 to 10 carbon atoms or an arylene group having 6 to 10 carbon atoms, which may be branched and n and m, each independently, are an integer of 1 to 5;



wherein R₃ is an alkyl group having 1 to 10 carbon atoms and p is an integer of 0 to 4 and plural R₃ may be attached to an optional position of the tetracyclodecane ring.

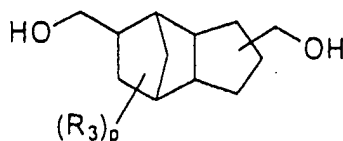
2. (currently amended): A process for producing the polycarbonate copolymer described in claim 1 which comprises the steps of:

charging a mixture of a dihydroxy compound represented by the general formula (3) and a dihydroxy compound represented by the general formula (4) in a molar ratio ((3)/(4)) of 30/70 to 70/30, with a carbonic acid diester in the presence of and a polymerization catalyst to a reactor;



wherein R₁ and R₂, each independently, are a hydrogen atom, an alkyl group having 1 to 10 carbon atoms, a cycloalkyl group having 6 to 10 carbon atoms or an aryl group having 6 to 10 carbon atoms; X is an alkylene group having 2 to 6 carbon atoms, a cycloalkylene group having

6 to 10 carbon atoms or an arylene group having 6 to 10 carbon atoms, which may be branched and n and m, each independently, are an integer of 1 to 5;



(4)

wherein R_3 is an alkyl group having 1 to 10 carbon atoms and p is an integer of 0 to 4 and plural R_3 may be attached to an optional position of the tetracyclodecane ring,

then performing transesterification at a temperature of 120 to 220°C under a pressure of atmospheric pressure to 200 Torr in a nitrogen atmosphere,

then, performing melt polycondensation while gradually raising the temperature up to 230 to 260°C as a final temperature and gradually reducing the pressure to 1 Torr or below as a final pressure,

finally, continuing polycondensation at a temperature of 230 to 260°C under a reduced pressure of 1 Torr or below,

thus, completing polycondensation,

after the completion of polycondensation, removing or deactivating the catalyst,

then restoring the reactor interior pressure with nitrogen, and

then, withdrawing a reaction product, thereby obtaining a polycarbonate copolymer.

3. (original): The polycarbonate copolymer according to claim 1, wherein R_1 and R_2 each are a hydrogen atom; n and m each are 1; X is an alkylene group having 2 carbon atoms and p is 0.

4. (original): The process for producing the polycarbonate copolymer according to claim 2, wherein R_1 and R_2 each are a hydrogen atom; n and m each are 1; X is an alkylene group having 2 carbon atoms and p is 0.